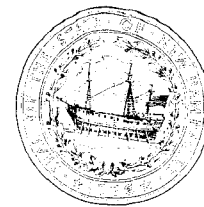


The State of New Hampshire  
**Department of Environmental Services**



Michael P. Nolin  
Commissioner

January 23, 2006

**LETTER OF DEFICIENCY# WSEB 06-006**

Certified Mail# 7099 3400 0003 6156 7150

Jack Wozmak  
Cheshire County Home  
201 River Road  
Westmoreland, NH 03467

Subject: Westmoreland – Public Water System: Cheshire County Home (EPA# 2494010)

Dear Mr. Wozmak:

The records of the NH Department of Environmental Services (DES) show that the Cheshire County Home water system is classified as a public water system (PWS), as defined by RSA 485:1-a. A PWS is defined as any water system supplying 15 or more services, or 25 or more people for 60 or more days per year. Because the water system uses surface water, it must meet the turbidity regulations contained in NH Admin. Rule Env-Ws 380, *Filtration, Disinfection, Treatment Plant, and Waste Recycling Rule*.

Pursuant to Env-Ws 380.27, the turbidity level of representative samples of the system's filtered water must be equal to or less than 0.3 NTU in at least 95% of the measurements taken for the month. In the month of December 2005, the water system met the turbidity standard in only 92% of the measurements taken. The water system incurred the same violation in May 2005 when it met the turbidity standard in only 93% of the measurements taken for that month. These violations are classified as Treatment Technique violations.

The Cheshire County Home water system distributes drinking water to which sodium hypochlorite has been added as a disinfectant to provide bacteriological protection to consumers. As a result, the water system must meet the requirements of Env-Ws 382, *Disinfectant/Disinfection Byproducts Rule*. Pursuant to Env-Ws 382.25, a Treatment Technique violation for disinfection byproduct precursor reduction occurs when the running 12-month average of monthly TOC removal calculations (the actual monthly TOC removal divided by the required monthly TOC removal) is less than 1.00. In the second and third quarters of 2005, the water system reported TOC calculations of 0.97 and 0.92, respectively. These violations were the subject of previously issued Notices of Violation sent to you.

DES believes the above cited violations can be corrected and future violations prevented by taking the following actions:

1. **As soon as possible, but no later than February 17, 2006**, submit proof of public notice to DES for the December 2005 turbidity violation, in accordance with the instructions on the enclosed public notice template; and

2. **By April 14, 2006**, retain the services of a qualified consultant to address the Treatment Technique violations and notify DES, in writing, of the name of the consultant hired. The consultant should review all existing water quality data and all feasible options prior to making recommendations to the owner for correcting the violations; and
3. **By July 14, 2006**, submit to DES a consultant's report, which shall contain the consultant's evaluation of feasible options, cost estimates, identification and justification of which option the owner has selected to implement, along with a timeline and final correction date to resolve the violations. A maintenance schedule must be included if treatment is proposed. DES will approve the consultant's report, in writing, and specify the next submission deadline, if applicable. A consultant's report determined to lack comprehensiveness will not be approved; and
4. **By the DES submission date established in the above-mentioned approval letter**, submit to DES all engineering/technical documents for the design of the selected option. DES must review and approve, in writing, any engineering/technical documents prior to the commencement of any work on the system. Note that engineering plans for systems serving more than 50 service connections or 20,000 gpd must be stamped by a professional engineer; and
5. **By the DES-approved correction date**, take the corrective action as approved by DES. Notify DES in writing upon completion of the action(s) taken.

In the event compliance is not achieved within this period. DES may initiate formal action, including issuing an order requiring the deficiencies to be corrected, initiating an administrative fine proceeding, and/or referring the matter to the NH Department of Justice for imposition of appropriate penalties.

**All information as requested above should be addressed as follows  
or faxed to (603) 271-5171:**

Alan Leach  
Department of Environmental Services  
Water Supply Engineering Bureau  
29 Hazen Drive, PO Box 95  
Concord, NH 03302-0095

Please be reminded that proposed treatment alternatives should take into consideration all water quality parameters as well as current and future quantity needs. In addition to your operator, assistance may be available to you through a variety of sources. DES staff member Richard Skarinka, P.E., may be able to answer technical questions concerning the Treatment Technique violations identified in this letter. He may be reached at (603) 271-2948 or via email at [rskarinka@des.state.nh.us](mailto:rskarinka@des.state.nh.us). Health related questions may be directed to Dave Gordon of the DES Bureau of Environmental and Occupational Health whose number is (603) 271-4608. If you have any questions regarding the enforcement aspects of this letter, please contact Alan Leach at (603) 271-2854 or by email at [aleach@des.state.nh.us](mailto:aleach@des.state.nh.us).

Sincerely,

**COPY**

Sarah Pillsbury, P.G., Administrator  
Water Supply Engineering Bureau

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encl: Public Notice Template

cc: Gretchen R. Hamel, DES Legal Unit Administrator  
Robert Riendeau, Primary Operator  
Town of Westmoreland Health Officer  
EPA, Region 1

cc: Rick Skarinka, DES  
Dave Gordon, DES BEOH